

shp Oct. 21

Work Order ID 75159

October-18-11 11:03:09 AM

\*75159\*

Page 1

Item ID: D4447-1

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: PT6 Exhaust Cover

Start Date: 18/10/2011 Start Qty: 10.00

\*10\*

Cust Item ID:

Required Date: 21/10/2011 Req'd Qty: 10.00

\*10\*

Customer:

Reference:

Approvals: Process Plan: M.L.J Date: 11/10/18 Tooling:

Date:

Run Start \*NR1\*

QC: Date: SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4447	A								

100

0.00

\*100\*

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg

\*\*\*\*use Orange ALXTRA\*\*\* batch: Tooling

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

SB

11/10/20

B11-10-20

(10)

110

QC2- Inspect parts off machine FAI/FAIB

0.00

\*110\*

QC

Memo

0.00

Quality Control

B11-10-20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 75159

**\*75159\***

Page 2

October-18-11 11:03:09 AM

Item ID: D4447-1 Accept **\*N9000040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: PT6 Exhaust Cover  
 Start Date: 18/10/2011 Start Qty: 10.00 **\*10\*** Cust Item ID:  
 Required Date: 21/10/2011 Req'd Qty: 10.00 **\*10\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC8- Inspect parts - second check	0.00							
<b>*120*</b>									
QC	Memo	0.00		5 m/10/21		40			
Quality Control									
130	Identify as per dwg & Stock Location: 9296	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

ME 12-10-21

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

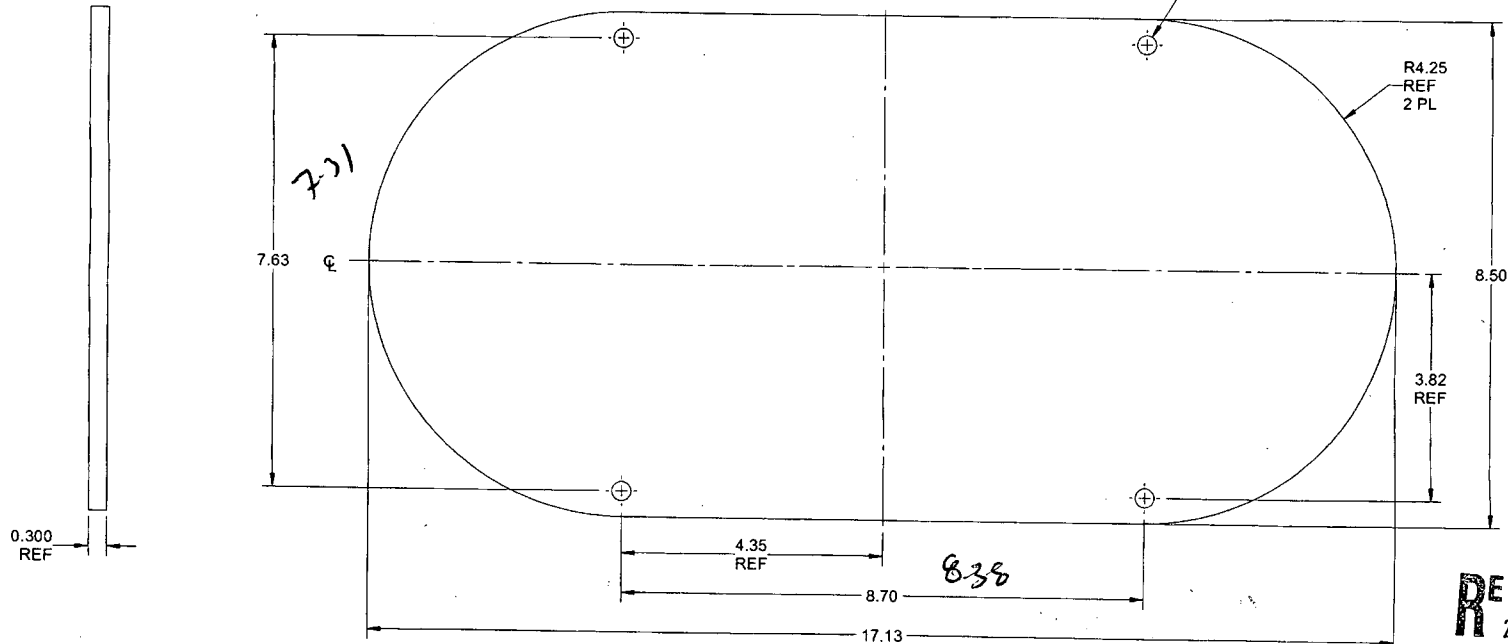
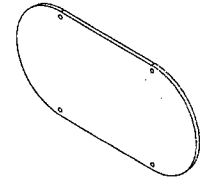
SHOP COPY

RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

NO. 75159 M.C.U

11/10/18

Ø0.320  
4 PL



**D4447-1 PT6 EXHAUST COVER**

**RELEASED**  
2011-10-04  
NH

**NOTES:**

- 1) MATERIAL: ALEXTRA ET SHEET, 0.300 THICK  
PER ASTM D 638  
REF DART SPEC M-ALXTRAO.300 OR M-ALXTRAB.300
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.67 lbs

A		NEW ISSUE			
REV.		DESCRIPTION		BY	DATE
DESIGN		<div>DART AEROSPACE LTD</div> <div>HAWKESBURY, ONTARIO, CANADA</div>			
DRAWN					
CHECKED					
MFG. APPR.					
APPROVED					
DE APPR.		DRAWING NO.		REV. A	
		D4447		SHEET 1 OF 9	
		TITLE		SCALE	
		COVER		NTS	
DATE		COPYRIGHT © 2011 BY DART AEROSPACE LTD			
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## Linda Lacelle

---

**From:** Harvey Siemens <hsiemens@dartaero.com>  
**Sent:** September-28-11 5:23 PM  
**To:** 'Kim Johnston'; 'L Lacelle'  
**Cc:** 'Eric Charbonneau'  
**Subject:** RE: Eagle Parts

Thanks Kim

Regards,

*Harvey Siemens*

Mechanical Designer  
DART Aerospace Ltd.

P: 403-717-0328  
F: 403-717-1288  
E: [hsiemens@dartaero.com](mailto:hsiemens@dartaero.com)  
W: [www.dartaero.com](http://www.dartaero.com)  
M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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**From:** Kim Johnston [mailto:kjohnston@dartaero.com]  
**Sent:** September-28-11 12:16 PM  
**To:** 'Harvey Siemens'; 'L Lacelle'  
**Cc:** 'Eric Charbonneau'  
**Subject:** RE: Eagle Parts

Parts are in

**From:** Harvey Siemens [mailto:hsiemens@dartaero.com]  
**Sent:** Wednesday, September 28, 2011 1:35 PM  
**To:** L Lacelle  
**Cc:** Eric Charbonneau; Kim Johnston  
**Subject:** Eagle Parts

All

Rev A of D4447 and D4448 have been loaded to the prelim folder. These are Eagle only parts that will not get approved or DE approved. They will also not need any certification (not even C of C's).

Do we need to release these so that they can be "put away" or what do we need to do?

Kim

Can you add the following parts into the system:

D4447-1, PT6 Exhaust Cover, waterjet

D4447-3, PT6 Oil Cooler Blower Drive Cover, waterjet

D4447-5, Starter-generator cover, waterjet  
D4447-7, Tach Drive Cover, waterjet  
D4447-9, Igniter Box Mount, waterjet  
D4447-11, ITT Compensator Mount, waterjet  
D4447-13, Accessory Gearbox Oil Vent Cover, waterjet  
D4447-15, Customer Bleed Air Cover, waterjet  
D4447-17, Oil Pressure Cover, waterjet  
D4448-1, T53 N1 Gearbox Cover, waterjet

Let me know if there's more info that you need.

Regards,

*Harvey Siemens*

Mechanical Designer

**DART Aerospace Ltd.**

P: 403-717-0328

F: 403-717-1288

E: [hsiemens@dartaero.com](mailto:hsiemens@dartaero.com)

W: [www.dartaero.com](http://www.dartaero.com)

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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